

INTERNATIONAL SEARCH REPORT

International Application No
DK2004/000707

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H03F3/187 H03F3/181 H03F1/34 H04R19/01 H04R19/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H03F H04R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 357 214 A (HEYL ET AL) 18 October 1994 (1994-10-18)	1
Y	column 2, line 57 - column 4, line 35; figure 1	3-31
Y	US 6 160 450 A (ESCHAUZIER ET AL) 12 December 2000 (2000-12-12)	3-31
	column 2, line 1 - column 5, line 22; figures 2-5	
A	US 6 504 937 B1 (PAPADOPOULOS COSTAS ET AL) 7 January 2003 (2003-01-07)	1-31
	column 2, line 54 - column 7, line 62; figures 1-4	
	----- -/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

3 February 2005

Date of mailing of the international search report

10/02/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 293 823 A (HOCHBERG ET AL) 6 October 1981 (1981-10-06) column 4, line 1 - column 5, line 8; figures 2,3 -----	1-31
A	GB 2 218 594 A (LEON ANDRE * PIETERS) 15 November 1989 (1989-11-15) page 5, line 26 - page 7, line 31; figures 2,3 -----	1-31

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

JK2004/000707

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5357214	A	18-10-1994	AT 196575 T AU 7139694 A CA 2141614 A1 DE 69425945 D1 DE 69425945 T2 EP 0653119 A1 JP 8500237 T WO 9429951 A1	15-10-2000 03-01-1995 22-12-1994 26-10-2000 26-04-2001 17-05-1995 09-01-1996 22-12-1994
US 6160450	A	12-12-2000	NONE	
US 6504937	B1	07-01-2003	US 6580797 B1	17-06-2003
US 4293823	A	06-10-1981	NONE	
GB 2218594	A	15-11-1989	AU 3299889 A DK 224890 A WO 8908970 A1	05-10-1989 18-09-1990 21-09-1989